

PATENT  
450117-04959

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Raquel TATO et al.  
Filed: Filed Concurrently Herewith  
Title of Invention: METHOD FOR PRE-PROCESSING SPEECH

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INFORMATION DISCLOSURE STATEMENT

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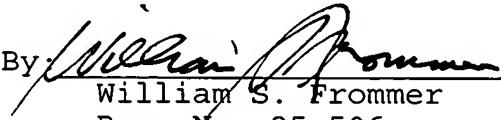
Enclosed are copies of references which were cited in  
the search report of September 29, 2003 from the European Patent  
Office in connection with the corresponding European patent  
application. Also enclosed is a copy of Form PTO-1449. Entry of  
this Information Disclosure Statement and an early examination on  
the merits are respectfully solicited.

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Respectfully submitted,

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	APPLICANT Raquel TATO et al.	
	FILING DATE Filed Concurrently Herewith	GROUP

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL	WO 02 095730	11/28/02	PCT			
	AM						
	AN						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AO		DATABASE INSPEC 'Online! THE INSTITUTION OF ELECTRICAL ENGINEERS, STEVENAGE, GB; JIANG WEN-JIAN ET AL: "A differential hybrid subband method for noisy speech recognition" Database accession no. 7406613 XP002251485, ABSTRACT				
	AP		NADEU C ET AL: "Time and frequency filtering of filter-bank energies for robust HMM speech recognition" SPEECH COMMUNICATION, APRIL 2001, ELSEVIER, NETHERLANDS, vol. 34, no. 1-2, pages 93-114, XP002251486				
	AQ		JI MING ET AL: "Union: a new approach for combining sub-band observations for noisy speech recognition" SPEECH COMMUNICATION, AMSTERDAM, NL, vol. 34, no. 1-2, 2001, pages 41-55, XP002209287				
	AR		TIBREWALA S ET AL: "Sub-band based recognition of noisy speech" 1997 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING (CAT. NO. 97CB36052), 1997 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS SPEECH, AND SIGNAL PROCESSING, MUNICH, GERMANY, 21-24 APRIL 1997, pages 1255-1258, vol. 2, XP010226029				
EXAMINER				DATE CONSIDERED			

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